


Appl. No. 09/848,004

In the claims:

Please amend the following claims.

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1. (original) A document processing center comprising:
    - a first document processing system comprising:
      - a plurality of document processing stations for performing operations on documents and processing information relating to documents;
      - a plurality of receptacles for storing documents between operations;
      - a communication interface for receiving information produced by the processing stations and producing messages relating to the information; and
      - a plurality of electronic labels receiving the messages wirelessly from the communication interface, each of the labels being affixed to one of the receptacles, each of the labels being operative to display messages addressed to the label.
  2. (original) The document processing center of claim 1 wherein each of the labels is associated with the documents placed in the receptacle to which the label is affixed.
  3. (original) The document processing center of claim 2 wherein one or more of the document processing stations includes a plurality of sorting locations, wherein groupings of documents are created based on the sorting location into which they are sorted and wherein each grouping of documents is designated according to its sorting location.

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4. (original) The document processing center of claim 3 wherein the sorting locations are pockets used by one or more of the document processing stations for receiving sorted documents.

5. (original) The document processing center of claim 4 and also including a subserver connected to the document processing stations, the subserver being operative to coordinate operations of the processing stations and to receive information from the processing stations, the subserver being operative to prepare messages based on the information from the processing stations, the subserver being further operative to associate each message with a pocket.

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6. (original) The document processing center of claim 5 wherein each of the labels is associated with one of the pockets and wherein documents from each pocket are placed in a receptacle bearing a label corresponding to the pocket.

7. (original) The document processing center of claim 6 and also including a communication server serving as an interface between the subserver and the communication interface, the communication server being operative to receive messages from the subserver and associate the message with the label associated with the pocket.

8. (original) The document processing center of claim 7 wherein each of the electronic labels has a unique address.

9. (original) The document processing center of claim 8 and also including a plurality of additional document processing systems, each of the additional processing systems operating in

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parallel with the first document processing system, each of the additional processing systems comprising a plurality of document processing stations and a plurality of receptacles having affixed electronic labels, each of the document processing systems employing a subserver connected to the document processing stations, the subservers being connected to the central communication server, the central communication server being operative to control transmission of messages from the first document processing system and each of the additional document processing systems to the electronic labels employed by the first document processing system and each of the additional document processing systems, respectively.

10. (original) The document processing center of claim 9, wherein each of the electronic labels is a low cost wireless receiver operative to receive radio frequency signals representing a message and to display the message using a visual display.

11. (original) The document processing center of claim 10 wherein each of the electronic labels is operative to receive an operator input, wherein the communication interface is operative to send status requests to the electronic labels and wherein the electronic labels are operative to use modulated backscatter to send a signal to the communication interface indicating the presence of the operator input.

Claims 12-18 (withdrawn)

Please add the following claims.

19. (new) A document processing system comprising:  
an item transport for performing operations on documents including sorting;

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a plurality of receptacles for storing documents between operations;  
a communication interface for receiving information produced by the item transport and producing messages relating to the information; and  
a plurality of electronic labels receiving the messages wirelessly from the communication interface, at least one of the plurality of electronic labels being affixed to each receptacle, each of the labels being operative to display messages addressed to the label.

20. (new) The document processing system of claim 19 wherein the operations performed on documents include document capture.

21. (new) The document processing system of claim 19 wherein the operations performed on documents include MICR encoding.

22. The document processing system of claim 19 wherein the operations performed on documents include document endorsement.

23. (new) The document processing system of claim 19 wherein each of the labels is associated with the documents placed in the receptacle to which the label is affixed.

24. (new) The document processing system of claim 23 further comprising:

a plurality of sorting locations, wherein groupings of documents are created based on the sorting location into which they are sorted and wherein each grouping of documents is designated according to its sorting location.

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25. (new) The document processing system of claim 24 wherein the sorting locations are pockets used for receiving sorted documents.

26. (new) The document processing system of claim 25 wherein each of the labels is associated with one of the pockets and wherein documents from each pocket are placed in a receptacle bearing a label corresponding to the pocket.

27. (new) The document processing system of claim 26 wherein each of the electronic labels has a unique address.

28. (new) The document processing system of claim 27, wherein each of the electronic labels is a low cost wireless receiver operative to receive radio frequency signals representing a message and to display the message using a visual display.

29. (new) The document processing system of claim 28 wherein each of the electronic labels is operative to receive an operator input, wherein the communication interface is operative to send status requests to the electronic labels and wherein the electronic labels are operative to use modulated backscatter to send a signal to the communication interface indicating the presence of the operator input.

30. (new) A document processing station comprising:

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a plurality of receptacles for storing documents between submissions of said documents to the document processing station;

a communication interface for receiving information produced by the document processing station and producing messages relating to the information; and

a plurality of electronic labels receiving the messages wirelessly from the communication interface, at least one of the plurality of electronic labels being affixed to each receptacle, each of the labels being operative to display messages addressed to the label.

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